

# SAFETY DATA SHEET

## EquiPure™

### 1.0 Identification of the Substance/Mixture and of the Company/Undertaking

Product Name: **EquiPure**

Product Catalogue No: EPB-100

Sterile (autoclaved) isotonic salt solution containing silane-coated silica particles. For preparation of cells in vitro in the laboratory. 100 mL solution in borosilicate glass bottles, with silicone stoppers and tamper-evident seals.

Manufacturer: **NidaCon International AB**, Flöjelbergsgatan 16B, 431 37 Mölndal, Sweden.

Telephone: + 46 - 31 – 703 06 30,

Telefax: + 46 - 31 – 40 54 15

E-mail: [contact@nidacon.com](mailto:contact@nidacon.com)

### 2.0 Hazard Identification

The product is classified as non-hazardous according to Dangerous Substances Directive 67/548/EEC, Dangerous Preparations Directive 1999/45/EC, CLP Regulation (EC) No 1272/2008 and US OSHA regulations.

Physical hazards: None established  
Human Health Effects and Symptoms of Acute Exposure: None established  
Human Health Effects and Chronic Exposure: None established

### 3.0 Composition/Information on Ingredients

Hazardous ingredients: None established, no ingredients listed as carcinogens. Contains colloidal-size silica particles coated with silane and suspended in a physiological salt solution.

### 4.0 First-Aid Measures

If inhaled: Remove from exposure. If discomfort persists, obtain medical attention  
In case of skin contact: Wash off with an abundance of water and remove contaminated clothing  
In case of eye contact: After initial flushing with physiological saline, remove any contact lenses. Flush thoroughly with physiological saline for 15 minutes. If discomfort persists, obtain medical attention.  
If swallowed: Rinse mouth with water and give water to drink. Obtain medical attention

### 5.0 Fire-Fighting Measures

Suitable Extinguishing Media: Unlikely to burn  
Special Fire or Explosion Hazards: None known  
Products of Combustion: None known  
Special Exposure Hazards: None known  
Protective Equipment for Fire Fighters: Use correct equipment applicable to primary cause of fire.

### 6.0 Accidental Release/Spill Measures

Personal Precautions: Floors may be slippery  
Environmental Precautions: Always follow the community state or federal regulations  
Clean-Up Methods: Wipe up using appropriate absorbent material and dispose with normal laboratory refuse, according to community, state or federal regulations

### 7.0 Handling and Storage

Incompatible Materials: None known  
Storage Conditions: Store at room temperature (17-27°C) or if opened at +2° to +8°C  
Handling Recommendation: Use care in handling. Use aseptic work conditions  
Handling Precautions: Avoid inhaling, ingestion, and contact with eyes

°Exposure limit: Not established.  
Ventilation requirements: Normal ventilation.  
Respiratory Protection: If dried down to powder form, use face mask when handling large quantities  
Eye Protection: Use safety goggles when handling large quantities  
Skin Protection: Use protection gloves when handling large quantities

### 9.0 Physical and Chemical Properties

Appearance: white/beige transp. Liquid  
Odour: odourless  
Acid/Base: pH 7.4-7.8 (neutral)  
Viscosity: Physiological salt solution  
Freezing/Melting Point: approx 0°C  
Boiling Point: approx 100°C  
Flash Point: Not established  
Osmolality: 300-310 mOsm

Upper Flammable Limits (%): Not established  
Lower Flammable Limit (%): Not established  
Auto flammability (°C): Not established  
Vapour Pressure: Not established  
Relative Density (water=1): approx 1.1  
Solubility in water: already water solution  
Percent Volatility: Not established

### 10.0 Stability and Reactivity

Stability under normal conditions:  
Explosive Properties:  
Hazardous Decomposition:  
Hazardous polymerization:  
Incompatible Materials to avoid:

Stable  
None known  
Thermal decomposition may yield oxides of carbon  
Will not occur  
Avoid contact with oxidizing agents (such as nitric acid)

### 11.0 Toxicological Information

Toxicity Information: Product is essentially inert. No toxic or ill effects under normal operating conditions

### 12.0 Ecological Information

Environmental Impact: No known adverse ecological effects

### 13.0 Disposal Considerations

According to applicable regulations for aqueous, physiological salt solutions, i.e., open container and flush contents with tap water via a drain into the sewage system according to local community, state or federal regulations. The glass bottles and paper cartons can be recycled without adverse problems in the recycled glass and paper system, respectively.

### 14.0 Transport Information

Transport Information: Non-regulated transport. Non-dangerous goods.

### 15.0 Regulatory Information

Not applicable

### 16.0 Other information

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